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MINERAL ECONOMICS BRIEF 27

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ILLINOIS MINERAL PRODUCTION BY COUNTIES, 1968

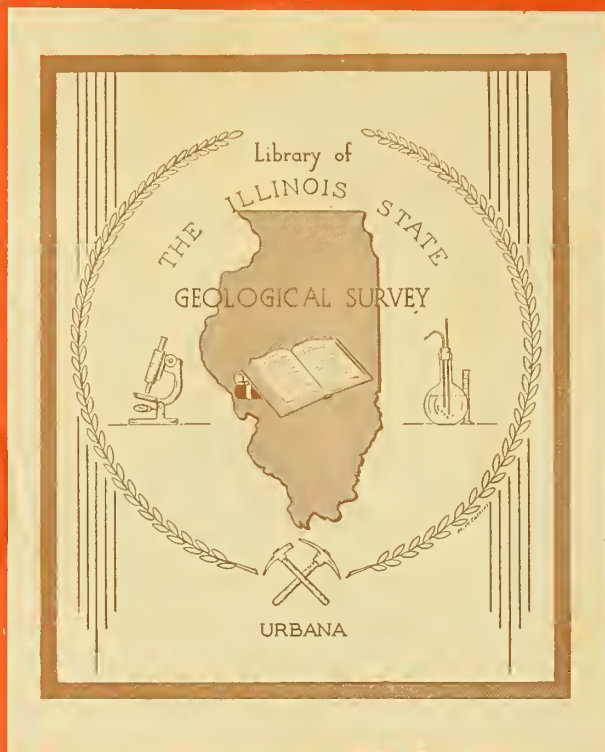
W. L. Busch

ILLINOIS STATE GEOLOGICAL SURVEY

John C. Frye, Chief

Urbana, Illinois 61801

APRIL 1970



ILLINOIS STATE GEOLOGICAL SURVEY



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ILLINOIS MINERAL PRODUCTION

BY COUNTIES, 1968

W. L. Busch

Illinois mineral production in 1968 set a record annual high of 670.6 million dollars in total value. This amount was 20.6 million dollars more than the previous all-time high of 650 million dollars established in 1967. The value of minerals produced in 1966, totaling 644 million dollars, was also a record high.

In 1968 the value of coal accounted for 37.2 percent, and the value of crude oil supplied 25.9 percent of the value of all minerals produced in the state. The combined value of these two fuels amounted to almost two-thirds of the state's entire mineral value for the year.

The second most valuable group of minerals produced in Illinois includes crushed stone, cement, and lime. As a group these stone products contributed 18.9 percent of the 1968 state's total mineral value.

The value of clay products reported produced in Illinois represented about 8 percent of the state's 1968 total mineral products value. Illinois clay products include face brick and common brick, structural tile, drain and sewer tile, refractories, pottery, and whiteware.


Illinois sand and gravel production in 1968 furnished about 7.9 percent of the state's mineral products value. This group of minerals includes common sand and gravel, silica sand, and some special sands.

The combined value of fluorspar, lead, and zinc produced in Illinois accounted for 2.1 percent of the state's total mineral value in 1968.

Following are brief summaries of the tables used in this report.

Table 1—Illinois Mineral Products and Major Producing Counties, 1968

This table lists the mineral products and the number of counties producing each product. Many counties throughout the state produced clay



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products, coal, crude oil, common sand and gravel, and stone. However, only one county in the state produced tripoli and sandstone, only two counties each produced fluorspar, lime, and silica sand, and only three counties each produced cement, lead, natural bonded molding sand, and zinc. Counties producing the various mineral products are listed in order of rank to include, when possible, the top ten producers in 1968.

Table 2—Summary of Illinois Mineral Production, 1967-1968

Table 2 gives a statistical summary of Illinois mineral production for the years of 1967 and 1968. Items listed are the mineral products produced, the amounts reported produced by commercial operators, and the total annual value for each product. The annual values of some mineral products were combined under the entry Other in order to avoid revealing the output of any one individual producer. The combined values were added to the state's total value in one figure.

Table 3—Value of Illinois Regional Mineral Production, 1962-1968

In order to show the rise or decline of mineral production in broad areas of the state, the counties of Illinois have been grouped into nine regions, as outlined on the map at the end of this report. Table 3 lists the nine regions and also shows the total value of all minerals produced by each region for each year, 1962-1968. The regional annual production figures indicate that some areas have scored steady growth over the years, other areas have remained more or less constant in the total annual value of minerals produced, and several areas trend toward declining mineral production.

Table 4—Illinois Counties Ranked According to Total Value of Minerals Produced in 1968

The rank of Illinois counties, in total dollar value of all minerals produced during 1968, is shown in table 4. Although each county holds a specific rank in the state, the position of some counties is not given to avoid disclosing certain production information. Such counties have been combined with one or two other counties in the same region. The combined total mineral production value for these counties has been listed among the individual counties in table 4. All counties in the state are accounted for in this table.

Tables 5-13—Illinois Mineral Production by County, According to Region, 1968

The value in dollars of each county's contribution to the state's total mineral production for 1968 is shown in tables 5-13. The tables, which group the counties within regions, also show the various mineral commodities produced in each county in order of importance. The regional and county outlines are shown on the map at the end of this report. In order to preserve confidential production information, some county values within regions have been combined.

TABLE 1—ILLINOIS MINERAL PRODUCTS AND MAJOR PRODUCING
COUNTIES, 1968

Mineral product	Total number of producing counties	Producing counties in order of rank
Cement	3	La Salle, Lee, Massac
Clay products	24	La Salle, Cook, McDonough, Knox, Crawford, Kane, Du Page, Warren, Grundy, Will
Coal	24	Perry, Fulton, St. Clair, Franklin, Christian, Williamson, Randolph, Jefferson, Montgomery, Saline
Crude oil	42	White, Fayette, Wayne, Lawrence, Marion, Hamilton, Clay, Crawford, Wabash, Richland
Fluorspar	2	Hardin, Pope
Lead	3	Hardin, Jo Daviess, Pope
Lime	2	Cook, Adams
Natural bonded molding sand	3	Henry, Rock Island, Fayette
Common sand	61	Bureau, McHenry, Kane, Will, Grundy, Winnebago, Rock Island, Cook, Peoria, Lake
Common gravel	55	McHenry, Kane, Will, Grundy, Lake, Peoria, Bureau, McLean, Winnebago, La Salle
Sandstone	1	Alexander
Silica sand	2	La Salle, Ogle
Stone	61	Cook, St. Clair, Will, Livingston, Kankakee, Rock Island, Du Page, Hardin, Randolph, Vermilion
Tripoli	1	Alexander
Zinc	3	Hardin, Jo Daviess, Pope

TABLE 2—SUMMARY OF ILLINOIS MINERAL PRODUCTION, 1967-1968

Material	Unit	1967		1968	
		Quantity	Value at plants	Quantity	Value at plants
Coal - bituminous	tons	64,814,771	\$251,481,312	62,143,076	\$249,193,735
Crude oil	bbls	60,115,000	181,547,300	56,391,000	173,120,370
Crushed stone	tons	44,836,956	63,116,345	52,665,155	77,194,915
Cement	bbls	9,660,045	32,036,282	9,974,166	34,572,348
Clay products	—	—	46,114,642	—	53,613,873
Common sand	tons	15,562,000	13,183,000	18,580,000	16,288,000
Common gravel	tons	17,946,000	17,191,000	21,626,000	22,380,000
Silica sand	tons	3,825,000	12,895,000	3,912,000	13,405,000
Fluorspar	tons	210,207	9,858,743	188,325	9,134,132
Zinc	tons	20,416	5,652,374	18,182	4,909,140
Lead	tons	2,384	667,520	1,467	387,641
Other	—	—	16,256,482	—	16,400,846
TOTAL			\$650,000,000		\$670,600,000

TABLE 3—VALUE OF ILLINOIS REGIONAL MINERAL PRODUCTION, 1962-1968

Region	Value at plants		
	1962	1963	1964
Northwest	\$ 25,385,598	\$ 24,790,496	\$ 23,764,752
Northeast	109,636,239	99,880,180	105,642,713
West	45,068,843	46,840,320	52,801,695
Central	22,725,054	22,011,242	16,273,648
East	14,123,805	13,150,956	12,935,550
West-southwest	43,767,554	44,332,911	44,264,466
East-southeast	146,865,137	135,043,156	128,222,889
Southwest	85,958,950	90,616,067	94,869,344
Southeast	137,468,820	138,334,672	139,224,943
TOTAL	\$631,000,000	\$615,000,000	\$618,000,000

	1965	1966	1967	1968
Northwest	\$ 20,816,139	\$ 21,457,316	\$ 24,101,568	\$ 26,915,759
Northeast	108,912,440	109,495,206	111,689,340	127,914,135
West	54,102,781	55,889,208	53,950,971	56,844,431
Central	17,541,957	18,131,790	17,152,078	19,283,910
East	12,502,670	13,287,698	12,697,460	12,356,067
West-southwest	44,439,585	48,628,029	49,452,000	48,200,541
East-southeast	117,761,494	113,717,932	100,464,801	98,390,101
Southwest	105,691,548	118,043,155	124,829,821	122,370,732
Southeast	136,731,386	145,349,666	155,661,961	158,324,324
TOTAL	\$618,500,000	\$644,000,000	\$650,000,000	\$670,600,000

TABLE 4—ILLINOIS COUNTIES RANKED ACCORDING TO TOTAL VALUE
OF MINERALS PRODUCED IN 1968^a

Rank ^b	County ^c	Total value	Rank ^b	County ^c	Total value
1.	Cook	\$48,946,009		Du Page	\$11,265,766
2.	Perry	36,584,317		Grundy	
3.	La Salle	36,422,875			
4.	St. Clair	33,841,711	23.	Will	11,091,579
5.	Franklin	33,171,580	24.	Kane	9,627,837
6.	Fulton	29,857,564	25.	Peoria	9,627,091
			27.	Massac	9,028,952
	Jefferson	26,177,237	29.	Wabash	7,501,113
	Gallatin		30.	McDonough	6,953,660
	Pope				
				Clinton	6,665,617
	Marion	24,453,607		Washington	
	Clay			Monroe	
	Effingham				
			31.	Richland	6,371,124
	Christian	24,168,383	32.	Vermilion	6,107,816
	Macoupin		33.	McHenry	6,033,286
8.	White	22,185,411	36.	Jasper	4,059,196
9.	Williamson	21,312,055		Jackson	3,869,293
10.	Fayette	21,173,686		Johnson	
11.	Wayne	18,880,053		Pulaski	
12.	Lawrence	18,598,102	37.	Madison	3,645,592
13.	Randolph	17,855,758			
15.	Montgomery	13,753,656		Stark	3,244,583
16.	Hardin	13,681,871		Menard	
17.	Saline	13,657,249		Mason	
18.	Crawford	13,577,319			
19.	Knox	13,526,713	38.	Coles	3,137,514
21.	Hamilton	11,673,888	39.	Livingston	3,131,430
22.	Lee	11,593,099	41.	Rock Island	2,942,814
			42.	Douglas	2,821,408

^a Table based on information recorded on following pages of this report.

^b The rank of each individual county is based on numbered rank of all counties from 1 through 102. The individual rank of combined counties cannot be given.

^c The total of combined counties is placed in proper order among totals of single counties.

TABLE 4—Continued^a

Rank ^b	County ^c	Total value	Rank ^b	County ^c	Total value
44.	Adams	\$ 2,777,721	70.	Pike	\$ 875,805
45.	Winnebago	2,669,220	72.	Scott	841,231
	Warren } Schuyler }	2,612,367		Mercer } Putnam }	817,283
46.	Sangamon	2,535,570	75.	Bond	760,740
	Kankakee } Ford } Iroquois }	2,515,751	76.	Logan	734,396
			78.	Stephenson	664,817
48.	Clark	2,452,435	79.	De Kalb	654,050
49.	Edwards	2,366,970	80.	Whiteside	623,572
50.	Tazewell	2,272,727	81.	Hancock	607,656
52.	Ogle	2,235,418	82.	Henry	607,500
53.	Bureau	2,219,000	83.	Champaign	601,070
			84.	Kendall	545,060
55.	Jo Daviess	2,143,553	85.	Henderson	457,624
57.	Lake	1,942,000		Shelby } Moultrie }	407,570
58.	Greene	1,457,852			
61.	Boone	1,385,673	86.	Carroll	399,483
	De Witt } Macon }	1,263,430	90.	Edgar	313,140
			91.	Woodford	237,000
63.	Union	1,220,038	93.	Jersey	101,455
65.	Cumberland	1,025,000	95.	Calhoun	60,257
66.	Alexander	1,021,943	96.	Brown	51,126
68.	McLean	956,000	100.	Cass	—
69.	Marshall	948,683	101.	Morgan	—
			102.	Piatt	—

^a Table based on information recorded on following pages of this report.

^b The rank of each individual county is based on numbered rank of all counties from 1 through 102. The individual rank of combined counties cannot be given.

^c The total of combined counties is placed in proper order among totals of single counties.

^d No commercial mineral production reported for 1968.

TABLE 5—ILLINOIS MINERAL PRODUCTION BY COUNTY, NORTHWEST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Bureau	\$ 2,219,000	Sand, gravel
Carroll	399,483	Stone, sand, gravel
Henry	607,500	Stone, natural bonded molding sand, sand, gravel
Jo Daviess	2,143,553	Zinc, stone, lead, sand, gravel
Lee	11,593,099	Cement, stone, gravel, sand
Mercer } Putnam }	817,283	Clay products, stone, coal Gravel, sand
Ogle	2,235,418	Silica sand, stone, sand, gravel
Rock Island	2,942,814	Stone, sand, gravel, natural bonded molding sand
Stephenson	664,817	Stone, sand, gravel
Whiteside	623,572	Stone, sand, gravel
Winnebago	2,669,220	Stone, sand, gravel
TOTAL	\$26,915,759	

TABLE 6—ILLINOIS MINERAL PRODUCTION BY COUNTY, NORTHEAST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Boone	\$ 1,385,673	Gravel, stone, sand
Cook	48,946,009	Stone, lime, clay products, sand, gravel
De Kalb	654,050	Stone, gravel, sand
Du Page } Grundy }	11,265,766	Clay products, stone, gravel, sand Clay products, coal, sand, gravel
Kane	9,627,837	Clay products, gravel, sand, stone
Kendall	545,060	Stone, gravel, sand
Lake	1,942,000	Clay products, gravel, sand
La Salle	36,422,875	Cement, silica sand, clay products, gravel, sand, stone
McHenry	6,033,286	Gravel, sand, stone
Will	11,091,579	Stone, coal, gravel, clay products, sand
TOTAL	\$127,914,135	

TABLE 7—ILLINOIS MINERAL PRODUCTION BY COUNTY, WEST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Adams	\$ 2,777,721	Stone, lime, coal, sand, crude oil, gravel
Brown	51,126	Stone, crude oil, clay products, sand
Fulton	29,857,564	Coal, gravel, sand
Hancock	607,656	Stone, crude oil
Henderson	457,624	Stone
Knox	13,526,713	Coal, clay products, stone, sand
McDonough	6,953,660	Clay products, stone, crude oil
Warren } Schuyler }	2,612,367	Clay products, stone Stone, gravel
TOTAL	\$56,844,431	

TABLE 8—ILLINOIS MINERAL PRODUCTION BY COUNTY, CENTRAL REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
De Witt } Macon }	\$ 1,263,430	Crude oil, gravel, sand Gravel, sand, crude oil
Logan	734,396	Stone, gravel, sand, coal
McLean	956,000	Gravel, sand
Marshall	948,683	Clay products, gravel, sand
Peoria	9,627,091	Coal, stone, gravel, sand
Stark } Menard } Mason }	3,244,583	Coal, gravel Stone Sand
Tazewell	2,272,727	Clay products, gravel, sand
Woodford	237,000	Gravel, sand
TOTAL	\$19,283,910	

TABLE 9—ILLINOIS MINERAL PRODUCTION BY COUNTY, EAST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Champaign	\$ 601,070	Sand, gravel, crude oil
Kankakee	2,515,751	Stone, sand
Ford		Gravel, sand
Iroquois		Gravel
Livingston	3,131,430	Stone, clay products, gravel
Piatt	—	No mineral production reported for 1968
Vermilion	<u>6,107,816</u>	Coal, stone, clay products, gravel, sand
TOTAL	\$12,356,067	

TABLE 10—ILLINOIS MINERAL PRODUCTION BY COUNTY,
WEST-SOUTHWEST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Bond	\$ 760,740	Gravel, crude oil, sand
Calhoun	60,257	Stone
Cass	—	No mineral production reported for 1968
Christian	24,168,383	Coal, crude oil, stone
Macoupin		Coal, stone, crude oil
Greene	1,457,852	Clay products, stone
Jersey	101,455	Stone
Madison	3,645,592	Stone, clay products, crude oil, sand
Montgomery	13,753,656	Coal, stone, crude oil
Morgan	—	No mineral production reported for 1968
Pike	875,805	Stone, gravel, sand
Sangamon	2,535,570	Clay products, crude oil, sand, gravel
Scott	<u>841,231</u>	Clay products, stone
TOTAL	\$48,200,541	

TABLE 11—ILLINOIS MINERAL PRODUCTION BY COUNTY,
EAST-SOUTHEAST REGION, 1968

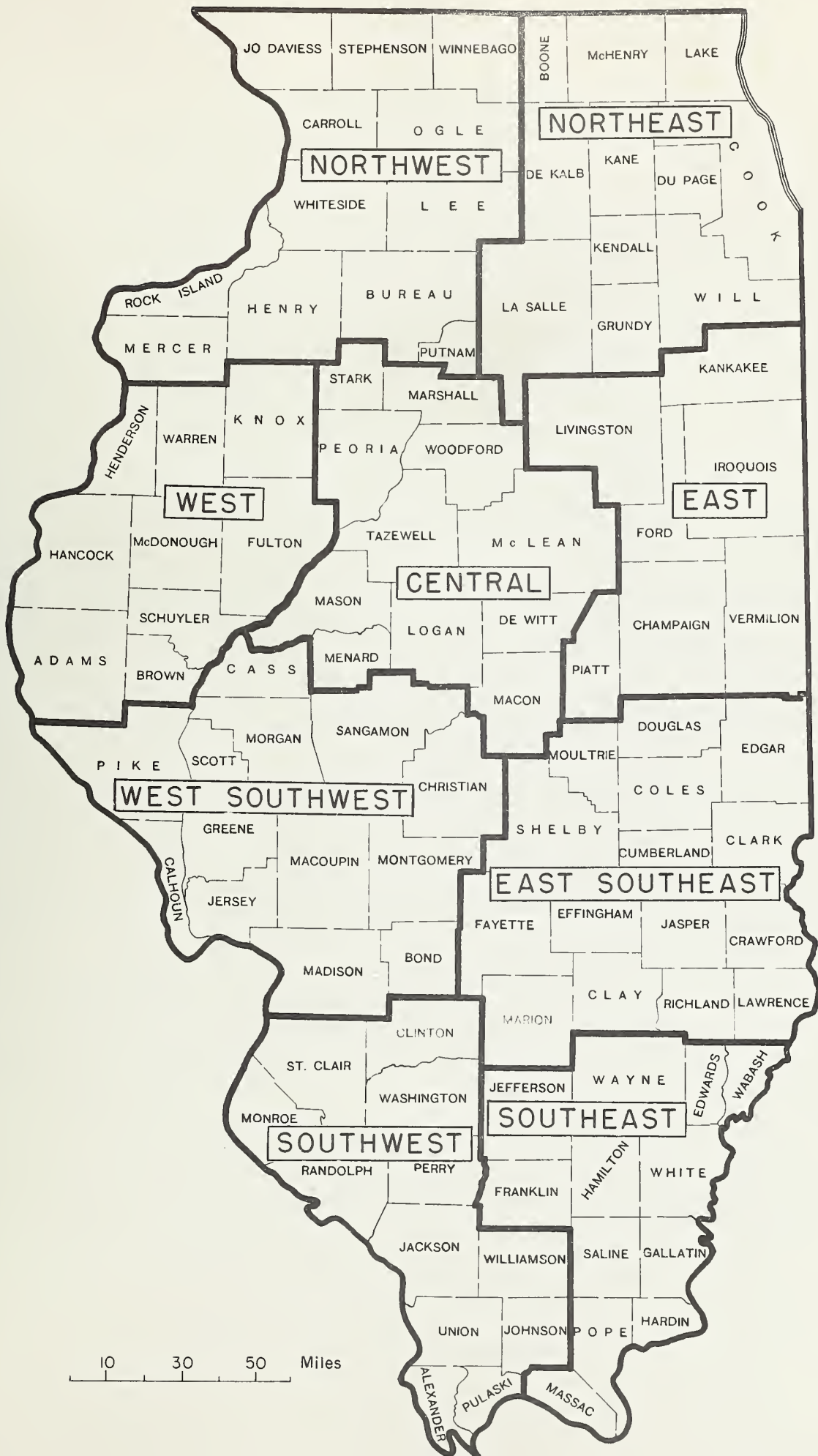
County	Total value all minerals	Minerals produced, in order of value
Clark	\$ 2,452,435	Crude oil, stone, gravel, sand
Coles	3,137,514	Crude oil, stone, sand, gravel
Crawford	13,577,319	Crude oil, clay products, gravel, sand, gas
Cumberland	1,025,000	Crude oil, stone, gravel, sand
Douglas	2,821,408	Coal, crude oil
Edgar	313,140	Crude oil
Fayette	21,173,686	Crude oil, stone, gas, clay products, sand, gravel, natural bonded molding sand
Jasper	4,059,196	Crude oil, gas
Lawrence	18,598,102	Crude oil, gravel, sand, gas
Marion	24,453,607	Crude oil, stone, gas
Clay		Crude oil, stone, gas
Effingham		Crude oil, sand
Richland	6,371,124	Crude oil, gas
Shelby	407,570	Crude oil, stone, gravel, sand
Moultrie		Gravel, crude oil
TOTAL	\$98,390,101	

TABLE 12—ILLINOIS MINERAL PRODUCTION BY COUNTY, SOUTHWEST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Alexander	\$ 1,021,943	Tripoli, sand, sandstone
Clinton } Washington } Monroe }	6,665,617	Crude oil, stone, gas Crude oil, stone, coal Stone
Jackson } Johnson } Pulaski }	3,869,293	Coal, stone, sand Stone Stone, clay products
Perry	36,584,317	Coal, crude oil
Randolph	17,855,758	Coal, stone, crude oil, sand
St. Clair	33,841,711	Coal, stone, clay products, sand
Union	1,220,038	Stone, gravel, sand
Williamson	21,312,055	Coal, crude oil
TOTAL	\$122,370,732	

TABLE 13—ILLINOIS MINERAL PRODUCTION BY COUNTY, SOUTHEAST REGION, 1968

County	Total value all minerals	Minerals produced, in order of value
Edwards	\$ 2,366,970	Crude oil
Franklin	33,171,580	Coal, crude oil, gas
Hamilton	11,673,888	Crude oil, gas
Hardin	13,681,871	Fluorspar, zinc, stone, lead
Jefferson } Gallatin } Pope }	26,177,237	Coal, crude oil, stone, gas Coal, crude oil, sand, gravel, gas Zinc, fluorspar, lead
Massac	9,028,952	Cement, stone, sand, gravel
Saline	13,657,249	Coal, crude oil, gas
Wabash	7,501,113	Crude oil, gravel, sand, gas
Wayne	18,880,053	Crude oil, gas
White	22,185,411	Crude oil, sand, gravel, gas
TOTAL	\$158,324,324	



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MINERAL ECONOMICS BRIEFS SERIES

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* Out of print

